

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/825,391  
Source: 1 fws  
Date Processed by STIC: 11/23/04

# ***ENTERED***

# CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/825,391

CRF Edit Date: 11/24/04  
Edited by: AS

\_\_\_\_ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

\_\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:  
\_\_\_\_\_

\_\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_

1 Deleted: 1 invalid beginning/end-of-file text ; \_\_\_\_ page numbers

\_\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:  
\_\_\_\_\_

\_\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:  
\_\_\_\_\_

\_\_\_\_ Other:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



IFWO

## RAW SEQUENCE LISTING

DATE: 11/24/2004

PATENT APPLICATION: US/10/825,391

TIME: 21:21:34

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11242004\J825391.raw

```

5 <110> APPLICANT: Leonard, Joan D.
6      Tully, Robert W.
8 <120> TITLE OF INVENTION: Vaccines for Mycoplasma bovis and Methods of Use
10 <130> FILE REFERENCE: 02108.001U2
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/825,391
C--> 12 <141> CURRENT FILING DATE: 2004-04-14
12 <150> PRIOR APPLICATION NUMBER: 60/164,286
13 <151> PRIOR FILING DATE: 1999-11-08
15 <160> NUMBER OF SEQ ID NOS: 2
17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 18
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note = synthetic
construct
W--> 27 <221> NAME/KEY: misc_feature
28 <222> LOCATION: (0).(0)
29 <223> OTHER INFORMATION: N is deoxyinosine
W--> 31 <400> 1
W--> 32 nnnncgncgn catcnggc          18
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 18
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note = synthetic
construct
W--> 42 <221> NAME/KEY: misc_feature
43 <222> LOCATION: (0).(0)
44 <223> OTHER INFORMATION: N is deoxyinosine
W--> 46 <400> 2
W--> 47 ncgnccttacc nggcctac          18

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/825,391

DATE: 11/24/2004  
TIME: 21:21:35

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\11242004\J825391.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 1,2,3,4,7,10,15

Seq#:2; N Pos. 1,4,11

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/825,391

DATE: 11/24/2004

TIME: 21:21:35

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11242004\J825391.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No  
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:27 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:31 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:32 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:42 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:46 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2  
L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0



IFWO

## RAW SEQUENCE LISTING

DATE: 11/23/2004

PATENT APPLICATION: US/10/825,391

TIME: 12:23:25

Input Set : A:\PTO.LM.txt

Output Set: N:\CRF4\11232004\J825391.raw

5 <110> APPLICANT: Leonard, Joan D.  
 6 Tully, Robert W.  
 8 <120> TITLE OF INVENTION: Vaccines for Mycoplasma bovis and Methods of Use  
 10 <130> FILE REFERENCE: 02108.001U2  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/825,391  
 C--> 12 <141> CURRENT FILING DATE: 2004-04-14  
 12 <150> PRIOR APPLICATION NUMBER: 60/164,286  
 13 <151> PRIOR FILING DATE: 1999-11-08  
 15 <160> NUMBER OF SEQ ID NOS: 2  
 17 <170> SOFTWARE: FastSEQ for Windows Version 4.0

**Does Not Comply**  
**Corrected Diskette Needed**

## ERRORED SEQUENCES

34 <210> SEQ ID NO: 2  
 35 <211> LENGTH: 18  
 36 <212> TYPE: DNA  
 37 <213> ORGANISM: Artificial Sequence  
 39 <220> FEATURE:  
 40 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note = synthetic  
 construct  
 W--> 42 <221> NAME/KEY: misc feature  
 43 <222> LOCATION: (0).(0)  
 44 <223> OTHER INFORMATION: N is deoxyinosine  
 W--> 46 <400> 2  
 W--> 47 nccgcttattc nggcctac 18  
 E--> 52 1  
 E--> 54 1

## VERIFICATION SUMMARY

DATE: 11/23/2004

PATENT APPLICATION: US/10/825,391

TIME: 12:23:26

Input Set : A:\PTO.LM.txt

Output Set: N:\CRF4\11232004\J825391.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No  
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:27 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:31 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:32 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:42 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:46 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2  
L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:52 M:254 E: No. of Bases conflict, this line has no nucleotides.  
L:54 M:254 E: No. of Bases conflict, this line has no nucleotides.